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INFORMATION DISCLOSURE  STATEMENT BY APPLICANT  Sheet 1 of 1					First Named Inventor: K. TAKEGUCHI Group Art Unit : 2616 Examiner Name : Thai Hoang							
									Attorney Docket No. : FUJH 18.748			
											U.S	. PATENT
					Examiner Initials	Cite No.1	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Paten of Cited Docum	tee or Applicant nent	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures

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**FOREIGN DOCUMENTS** Examiner Cite No. Foreign Patent Country Name of Patentee or Applicant Date of Pages, Initials Document of Cited Document Publication of Columns Office<sup>3</sup> Number<sup>4</sup> Kind Code<sup>5</sup> Cited Lines Where Document Relevant (if known) MM-DD-YY/Y Passages or Relevant Figures . Appear DE 195 49 149 A1 SIEMENS AG <del>DUPPLICA</del>TED 0.874.488.42 NORTHERN TELECOM 10-28-1998 LIMITED

## Other Prior Art-Non Patent Literature Documents

5,790,557

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.  Supplementary European Search Report dated October 8, 2004				Applicant check her if English language translation attached	
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		59-025452		JP				02-09-1984		
		6-318924		JP				11-15-1994		
		6-152636		<b></b>				05-31-1994	DUPPLICATE	
		5-207052		JP				08-13-1993		
		11-113034		JP		<del></del>		04-23-1900		
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